



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 94579

Date: August 23, 2018

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: Searcy waste water

Motor#:

## Name Plate Information

Manufacturer:	Reliance	Enclosure :	Totally Enclosed Fan Cooled	Horsepower/kW:	40
Serial#:	723512-001	Model#:	P36G5050A	Service Factor:	
Frame:	364LPZ	Rated RPM:	1181	Rated Voltage:	460
Phase:	3	Rated Amps:	49.4	Cycles:	60

Special design: No

## Mechanical Inspection

Inspect bolt holes and fasteners. Validate correct fasteners.

Shaft Condition: Worn

Bearings Retainer: Yes

Type of grounding device: None

Bearing DE Size: 5215 Z

Shaft runout(TIR-Inbound): Excessive wear

Bearing ODE Size: 6313 2Z /C3

Retainer condition: Good

**WEST TENNESSEE**  
7030 Ryburn Drive  
Millington, TN 38053  
Phone 901-873-5300  
Fax 901-873-5301

**CENTRAL ARKANSAS**  
6812 Lindsey Rd.  
Little Rock, AR 72206  
Phone 501-375-9178  
Fax 501-375-4254



MILLINGTON, TN

LITTLE ROCK, AR

## Mechanical Inspection (Continued)

Seals DE condition :	Worn	Brg. Seats DE:	Good
Seals DE type:	Slinger	If DE undersized, amt.:	
Seals DE size:	PHLNE 2820-88-13-1	Brg. Seats ODE:	Good
Seals DE (inbound) condition :	Worn	If ODE undersized, amt.:	
Seals ODE condition :	None	Shaft damage:	OK
Seals ODE type:	N/A		
Seals ODE size:		Bushings/sleeves DE:	Ok
Seals ODE (inbound) condition :		Bushings/sleeves ODE:	Ok
Endbell fits/damage:	Bad	Foot/Flange condition:	Ok
Endbell DE size:	5.1190 (good)	Foot flatness:	Pass
Endbell DE insulated?:	No	Does Air Gap Meet Customer or EASA spec(<10% variation)?	
Endbell ODE size:	5.5136		
Endbell ODE insulated?:	No		

## Conclusion

Service Tech name: Terrence Holland

Service Tech signature:

**WEST TENNESSEE**  
7030 Ryburn Drive  
Millington, TN 38053  
Phone 901-873-5300  
Fax 901-873-5301

**CENTRAL ARKANSAS**  
6812 Lindsey Rd.  
Little Rock, AR 72206  
Phone 501-375-9178  
Fax 501-375-4254